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**POWER OF ATTORNEY OR
AUTHORIZATION OF AGENT**

Application Number	09/642,433
Filing Date	August 21, 2000
First Named Inventor	Tomoyasu SHIMIZU
Title	Data Processing Device
Group Art Unit	2121
Examiner Name	Unknown
Attorney Docket Number	36856.865

I hereby appoint:

 Practitioners at Customer Number Place Customer
Number Bar Code
Label here**OR** Practitioner named below:

Name	Registration Number
Joseph R. Keating	37,368
Christopher A. Bennett	46,710

As my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

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<input checked="" type="checkbox"/> Firm or Individual Name	Keating & Bennett, LLP				
Address	10400 Eaton Place				
Address	Suite 312				
City	Fairfax	State	VA	ZIP	22030
Country	USA				
Telephone	(703) 385-5200		Fax	(703) 385-5080	

I am the:

 Applicant/Inventor. Assignee of record of the entire interest. See 37 CFR 3.71.

Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

SIGNATURE OF Applicant or Assignee of Record

Name	Mr. Kunisaburo Tomono
Signature	
Date	8/8/2002

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required.

 *Total of _____ forms are submitted



PTO/SB/82(10-00)

Approved for use through 10/31/2002. OMB 0651-0035
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.**REVOCATION OF POWER OF ATTORNEY OR AUTHORIZATION OF AGENT**

Application Number	09/642,433
Filing Date	August 21, 2000
First Named Inventor	Tomoyasu SHIMIZU
Group Art Unit	2121
Examiner Name	UNKNOWN
Attorney Docket Number	36856.865

I hereby revoke all previous powers of attorney or authorizations of agent given in the above-identified application:

A Power of Attorney or Authorization of Agent is submitted herewith.

OR

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I am the:

Applicant/Inventor.

Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

SIGNATURE OF Applicant or Assignee of Record

Name	Mr. Kunisaburo Tomono
Signature	
Date	8/8/2002

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required.

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: Tom yasu SHIMIZU et al.Application No./Patent No.: 09/642,433 Filed/Issue Date: August 21, 2000Entitled: DATA PROCESSING DEVICEMurata Manufacturing Co., Ltd., a Corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

- the assignee of the entire right, title and interest; or
- an assignee of less than the entire right, title and interest.
The extent (by, percentage) of its ownership interest is _____ %

In the patent application/patent identified above by virtue of either:

A. An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 011267, Frame 0222, or for which a copy thereof is attached.

OR

B. A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____ or for which a copy thereof is attached.
2. From: _____ To: _____
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 Additional documents in the chain of title are listed on a supplemental sheet.

Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

8/8/2002

Date

Mr. Kunisaburo Tomono
Typed or printed nameK. Tomono
SignatureGeneral Manager of Intellectual Property
Title

**UNITED STATES OF AMERICA
COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION**

OFGS FILE NO.
P/1071-1115

As a below named inventor, I hereby declare that my residence, post office address and citizenship are _____ stated below next to my name; that I verify that I am the original, first and sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are named) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

DATA PROCESSING DEVICE

the specification of which is attached hereto, unless the following box is checked:

was filed on _____ as United States patent Application Number or PCT International patent application number _____ and was amended on _____ (if any).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information known to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim priority benefits under Title 35, United States Code §119 of any foreign application(s) for patent or inventor's certificate or United States provisional application(s) listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign or Provisional Application(s)

COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 35 U.S.C. 119
Japan	11-232555	19 August 1999	YES <input checked="" type="checkbox"/> NO _____
			YES _____ NO _____
			YES _____ NO _____

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

UNITED STATES APPLICATION NUMBER	DATE OF FILING (day, month, year)	STATUS (patented, pending, abandoned)

I hereby appoint customer no. 2352 OSTROLENK, FABER, GERB & SOFFEN, LLP, and the members of the firm, Samuel H. Weiner - Reg. No. 18,310; Jerome M. Berliner - Reg. No. 18,653; Robert C. Faber - Reg. No. 24,322; Edward A. Meilman - Reg. No. 24,735; Stanley H. Lieberstein - Reg. No. 22,400; Steven I. Weisbord - Reg. No. 27,409; Max Moskowitz - Reg. No. 30,576; Stephen A. Soffen - Reg. No. 31,063; James A. Finder - Reg. No. 30,173; William O. Gray, III - Reg. No. 30,944; Louis C. Dujmich - Reg. No. 30,625 and Douglas A. Miro - Reg. No. 31,643, as attorneys with full power of substitution and revocation to prosecute this application, to transact all business in the Patent & Trademark Office connected therewith and to receive all correspondence.

SEND CORRESPONDENCE TO: **OSTROLENK, FABER, GERB & SOFFEN, LLP** DIRECT TELEPHONE CALLS TO:
1180 AVENUE OF THE AMERICAS (212) 382-0700
NEW YORK, NEW YORK 10036-8403
CUSTOMER NO. 2352

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

FULL NAME OF SOLE OR FIRST INVENTOR Tomoyasu SHIMIZU	INVENTOR'S SIGNATURE <i>Tomoyasu Shimizu</i>	DATE 11 September 2000
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RESIDENCE (City and either State or Foreign Country) Sagamihara-shi, Kanagawa-ken, Japan	COUNTRY OF CITIZENSHIP Japan
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POST OFFICE ADDRESS c/o Murata Manufacturing Co., Ltd., Dept. A170, 26-10, Tenjin 2-chome, Nagaokakyo-shi, Kyoto-fu 617-8555, Japan	
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FULL NAME OF SECOND JOINT INVENTOR (IF ANY)	INVENTOR'S SIGNATURE	DATE
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RESIDENCE (City and either State or Foreign Country)	COUNTRY OF CITIZENSHIP
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FULL NAME OF THIRD JOINT INVENTOR (IF ANY)	INVENTOR'S SIGNATURE	DATE
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